STRATA
WORLDWIDE

Meyco MP 367 Foam

Rapid cavity filling expandable foam

Meyco® MP 367 Foam is a highly reactive, solvent-free, urea-silicate foam that is specifically designed for rapid cavity filling and rock consolidation in mines and tunnels

- Injected into voids and cavities where it expands up to 30 times its original volume and sets hard in minutes
- High bonding strength and very good mechanical properties
- Water insensitive - it will not expand in or absorb water
- Good adhesion to wet substrates
- Fire resistant - low heat generation when in contact with fire
- No hazardous gases during application
- Good chemical stability
- Mixed at a ratio of 1:1

APPLICATIONS

- Cavities filling in coal and strata
- Consolidation of fractured rock, sands, gravel and coal in mines and tunnels
    - Stabilization of cavities in tunnels
    - Mine and ventilation seals in coal mines
- Pre-injection TBM tunnel

BASF
The Chemical Company

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BeNeFITS

- Very fast reacting material applied where foaming speed, flexibility and flame retardant properties are required
- High compressive strength
- Temperature and aging resistant
- Resists combustion and is self-extinguishing
- High shear strength
- 12 month shelf life

CLeANINg

- For short breaks in injection, purge Component A through the in-line static mixer nozzle. After injection and prior to storage of the equipment, pump water through the injection line of component A and clean engine oil through the pump and injection line of component B. For cleaning, a flushing agent for polyurethane resin should be used.

PerFOrMANCe ChArACTerISTICS:

TeCHNICAl DATA

	Color	Viscosity cP	Density lb/ft3
Component A	Colorless	70	0.087
Component B	Pale Brown	170	0.078

Viscosity tested at 73 °F Density tested at 68 °F

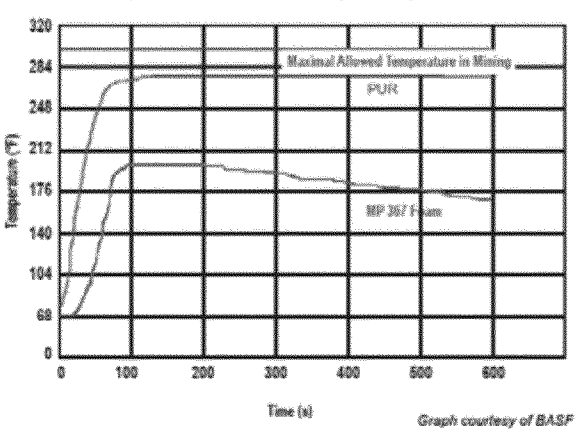
Flash point: A - non applicable B > 390 ºF

Mix. ratio A:B: 1:1 by volume (100:89 by weight)

TeCHNICAl DATA:

Testing temperature	73 °F (23 °C)
Start of Foaming	20 ± 10 s
end of Foaming	40 s ± 15 s
Foam expansion factor	up to 30
Foam Density minimum	76 lb/ft3

Temperature development during Foaming Reaction:



Graph courtesy of BASF

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